

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): An isolated polynucleotide comprising:
 - (a) a nucleotide sequence encoding a polypeptide having sugar transport protein activity, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 91% 80% sequence identity, or
 - (b) the complement of the nucleotide sequence of (a).
2. (currently amended): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 92% 85% identity.
3. (currently amended): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 95% 90% identity.
4. (currently amended): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:32 or 36 have at least 98% 95% identity.
5. (previously presented): The polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide comprises the amino acid sequence of SEQ ID NO:32 or 36 .
6. (previously presented): The polynucleotide of Claim 1 wherein the nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:31 or 35.
7. (previously presented): A vector comprising the polynucleotide of Claim 1.
8. (previously presented): A recombinant DNA construct comprising the polynucleotide of Claim 1 operably linked to at least one regulatory sequence.

9. (previously presented): A method for transforming a cell, comprising transforming a cell with the polynucleotide of Claim 1.

10. (previously presented): A cell comprising the recombinant DNA construct of **Claim 8.**

11. (withdrawn): A method for producing a plant comprising transforming a plant cell with the polynucleotide of Claim 1 and regenerating a plant from the transformed plant cell.

12.-19. (canceled)